

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10 SHS
(207) 283-5672 FAX (207) 283-4172

PROPERTY LOCATION		>> Caution: Permit Required - Attach In Space Below <<	
City, Town, or Plantation	PORTLAND, PEAKS ISLAND	Date Permitted: <u>1/13/11</u> Local Plumbing Inspector Signature: <u>[Signature]</u> PERMIT # 11540 TOWN COPY \$ <u>1100</u> Double Fee Charged <input type="checkbox"/> L.P.I. # <u>1081</u>	Municipal Tax Map • <u>B6</u> Lot • <u>A-16</u> Caution: Inspections Required I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. 1st Date Approved: _____ 2nd Date Approved: _____
Street or Road	554 SEASHORE AVENUE		
Subdivision, Lot #			
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	SHAW RICHARD		
Mailing Address of	18 SOUTH MILL DRIVE GLASTONBURY, CT 06073		
Daytime Tel #	860-922-7429		
Owner or Applicant Statement I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit. Signature of Owner/Applicant: <u>Richard Shaw</u> Date: <u>01/26/2011</u>			

PERMIT INFORMATION		
TYPE OF APPLICATION 1 <input checked="" type="checkbox"/> First Time System 2 <input type="checkbox"/> Replacement System Type Replaced: _____ Year Installed: _____ 3 <input type="checkbox"/> Expanded System a <input type="checkbox"/> Minor Expansion b <input type="checkbox"/> Major Expansion 4 <input type="checkbox"/> Experimental System 5 <input type="checkbox"/> Seasonal Conversion	THIS APPLICATION REQUIRES 1 <input checked="" type="checkbox"/> No Part Variance 2 <input type="checkbox"/> First Time System Variance a <input type="checkbox"/> Local Plumbing Inspector Approval b <input type="checkbox"/> State & Local Plumbing Inspector Approval 3 <input type="checkbox"/> Replacement System Variance a <input type="checkbox"/> Local Plumbing Inspector Approval b <input type="checkbox"/> State & Local Plumbing Inspector Approval 4 <input type="checkbox"/> Minimum Lot Size Variance 5 <input type="checkbox"/> Seasonal Conversion Approval	DISPOSAL SYSTEM COMPONENTS 1 <input checked="" type="checkbox"/> Complete Non-Engineered System 2 <input type="checkbox"/> Primitive System (graywater & all toilet) 3 <input type="checkbox"/> Alternative Toilet, specify: _____ 4 <input type="checkbox"/> Non-Engineered Treatment Tank (only) 5 <input type="checkbox"/> Holding Tank, _____ Gallons 6 <input type="checkbox"/> Non-Engineered Disposal Field (only) 7 <input type="checkbox"/> Separated Laundry System 8 <input type="checkbox"/> Complete Engineered System (2000 gpd) 9 <input type="checkbox"/> Engineered Treatment Tank (only) 10 <input type="checkbox"/> Engineered Disposal Field (only) 11 <input type="checkbox"/> Pre-treatment, specify: _____ 12 <input type="checkbox"/> Miscellaneous components
SIZE OF PROPERTY 28,000 +/- <input checked="" type="checkbox"/> sq ft <input type="checkbox"/> acre	DISPOSAL SYSTEM TO SERVE 1 <input checked="" type="checkbox"/> Single Family Dwelling Unit, No. of Bedrooms: _____ 2 <input type="checkbox"/> Multiple Family Dwelling, No. of Units: _____ 3 <input type="checkbox"/> Other: _____ Current Use <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	PROPOSED TYPE OF WATER SUPPLY 1 <input type="checkbox"/> Abandoned Well 2 <input type="checkbox"/> Dug Well 3 <input type="checkbox"/> Private Well 4 <input type="checkbox"/> Other: _____ 5 <input type="checkbox"/> Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 2)			
TREATMENT TANK 1 <input checked="" type="checkbox"/> Concrete a <input type="checkbox"/> Regular b <input type="checkbox"/> Low Profile 2 <input type="checkbox"/> Plastic 3 <input type="checkbox"/> Other: _____ CAPACITY: <u>1000</u> gallons	DISPOSAL FIELD TYPE & SIZE 1 <input type="checkbox"/> Stone Bed 2 <input type="checkbox"/> Stone Trench 3 <input type="checkbox"/> Proprietary Device 4 <input type="checkbox"/> Cluster array <input checked="" type="checkbox"/> Under 5 <input type="checkbox"/> Regular <input type="checkbox"/> Horizontal 6 <input type="checkbox"/> Leather Size: <u>1296</u> sq ft 27 ELJEN IN-DRAIN UNITS	GARBAGE DISPOSAL UNIT 1 <input checked="" type="checkbox"/> No 2 <input type="checkbox"/> Yes, specify one below: a <input type="checkbox"/> Compartment tank b <input type="checkbox"/> _____ tanks in series c <input type="checkbox"/> Increase in tank capacity d <input type="checkbox"/> Filter on tank outlet	DESIGN FLOW 360 gallons per day BASED ON: 1 <input checked="" type="checkbox"/> Table 201.1 dwelling unit size 2 <input type="checkbox"/> Table 201.2 water fixtures 3 <input type="checkbox"/> Flow CALCULATED for other facilities
SOIL DATA & DESIGN CLASS PROFILE CONDITION DESIGN 2 A I AT (Observation Hole) • TP 1 Depth <u>36</u> Elevation <u>-40</u> (4) MOST LIMITING SOIL FACTOR: _____	DISPOSAL FIELD SIZING 1 <input type="checkbox"/> Small - 2.0 sq ft/gpd 2 <input type="checkbox"/> Medium - 2.6 sq ft/gpd 3 <input checked="" type="checkbox"/> Medium Large - 3.3 sq ft/gpd 4 <input type="checkbox"/> Large - 4.1 sq ft/gpd 5 <input type="checkbox"/> Extra Large - 5.0 sq ft/gpd	EFFLUENT/EJECTOR PUMP 1 <input type="checkbox"/> Not required 2 <input type="checkbox"/> May be required 3 <input checked="" type="checkbox"/> Required Specify only for engineered systems: DOSE _____ Gallons	LATITUDE AND LONGITUDE of center of disposal area Lat <u>N 43.0</u> ° <u>39</u> ' <u>34.3</u> " Lon <u>W 70.0</u> ° <u>10</u> ' <u>37.8</u> " If g.p.s., state margin of error: _____

SITE EVALUATOR STATEMENT
 I certify that on 1/14/04 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules (10-144A CMR) (41).
 Signature: Albert Frick Date: 1/26/2011 update
 Title: 63 Date: _____

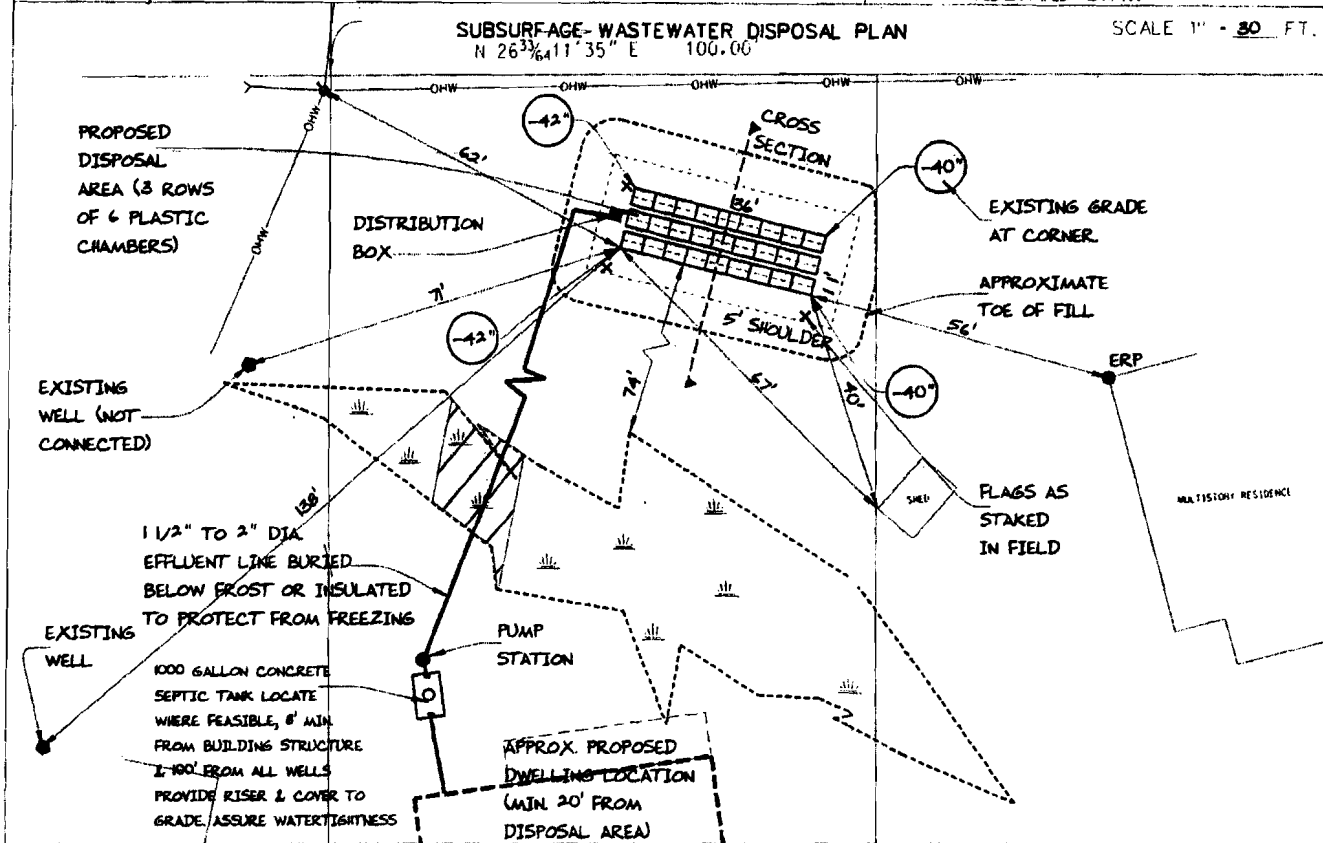
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10 SMS
 (207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: **PORTLAND, PEAKS ISLAND**
 Street, Road, Subdivision: **554 SEASHORE AVENUE**
 Owner's Name: **RICHARD SHAW**

SUBSURFACE-WASTEWATER DISPOSAL PLAN
 N 26°33'11" 35" E 100.00'

SCALE 1" = 30' FT.



FILL REQUIREMENTS

Depth of Fill (Upslope) : 16" - 18"
 Depth of Fill (Downslope) : 16" - 18"
 DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation
 Top of Distribution Pipe or Proprietary Device
 Bottom of Disposal Area

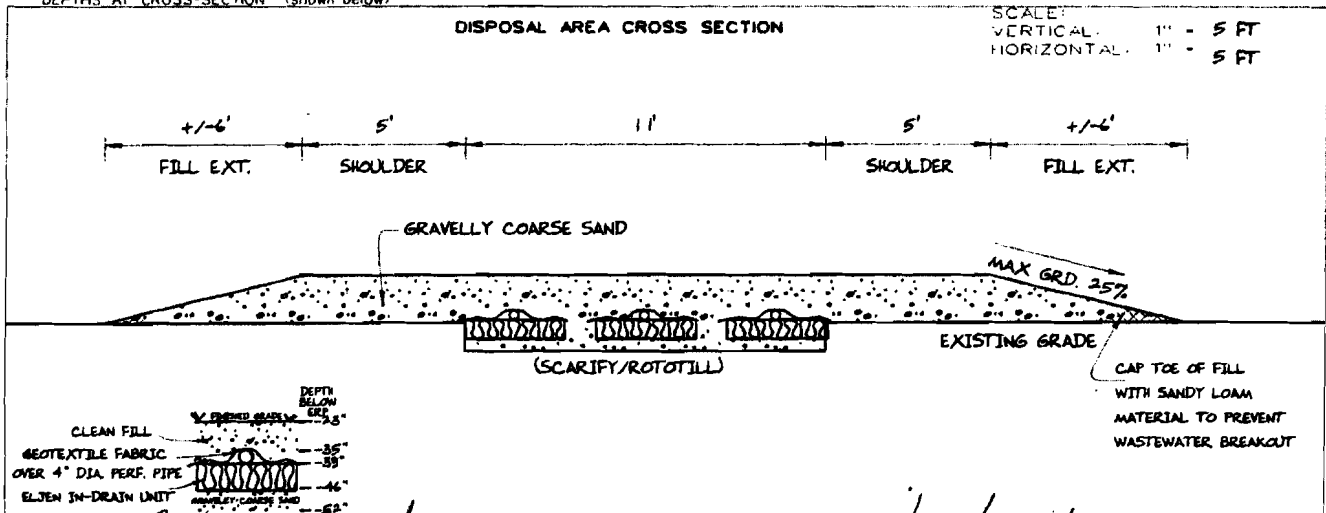
SEE
 DETAIL
 BELOW

ELEVATION REFERENCE POINT

Location & Description TOP OF CONCRETE FOOTING ON NEIGHBOR'S HOUSE
 Reference Elevation is: 0.0' or -----

SCALE:
 VERTICAL: 1" = 5 FT
 HORIZONTAL: 1" = 5 FT

DISPOSAL AREA CROSS SECTION



Albert Frick
 Site Evaluator Signature

163
 SE

11/26/2011
 Date

Page 3 of 3
 HHE-200 Rev. 10-02



Albert Frick Associates, Inc.
Soil Scientists & Site Evaluators

95A County Road Gorham, Maine 04038
(207) 839-5563

PORTLAND, PEAKS ISLAND

554 SEASHORE AVENUE

RICHARD SHAW

TOWN

LOCATION

APPLICANT'S NAME

1) The Plumbing and Subsurface Wastewater Disposal Rules adopted by the State of Maine, Department of Human Services pursuant to 22 M.R.S.A. § 42 (the "Rules") are incorporated herein by reference and made a part of this application and shall be consulted by the owner/applicant, the system installer and/or building contractor for further construction details and material specifications. The system installer should contact Albert Frick Associates, Inc. 839-5563, if there are any questions concerning materials, procedures or designs. The system installer and/or building contractor installing the system shall be solely responsible for compliance with the Rules and with all state and municipal laws and ordinances pertaining to the permitting, inspection and construction of subsurface wastewater disposal systems.

2) This application is intended to represent facts pertinent to the Rules only. It shall be the responsibility of the owner/applicant, system installer and/or building contractor to determine compliance with and to obtain permits under all applicable local, state and/or federal laws and regulations (including, without limitation, Natural Resources Protection Act, wetland regulations, zoning ordinances, subdivision regulations, Site Location of Development Act and minimum lot size laws) before installing this system or considering the property on which the system is to be installed a "buildable" lot. It is recommended that a wetland scientist be consulted regarding wetland regulations.

Prior to the commencement of construction/installation, the local plumbing inspector shall inform the owner/applicant and Albert Frick Associates, Inc of any local ordinances which are more restrictive than the Rules in order that the design may be amended. All designs are subject to review by local, state and/or federal authorities. Albert Frick Associates, Inc.'s liability shall be limited to revisions required by regulatory agencies pursuant to laws or regulations in effect at the time of preparation of this application.

3) All information shown on this application relating to property lines, well locations, subsurface structures and underground facilities (such as utility lines, drains, septic systems, water lines, etc.) are based solely upon information provided by the owner/applicant and has been relied upon by Albert Frick Associates, Inc. in preparing this application. The owner/applicant shall review this application prior to the start of construction and confirm this information.

4) Installation of a garbage (grinder) disposal is not recommended. If one is installed, an additional 1000 gallon septic tank or a septic tank filter should be connected in series to the proposed septic tank.

5) The system user shall avoid introducing kitchen grease or fats into this system. Chemicals such as septic tank cleaners and/ or chlorine (such as from water treatment) and controlled or hazardous substances shall not be disposed of in this system.

ATTACHMENT TO SUBSURFACE WASTEWATER DISPOSAL APPLICATION

PORTLAND, PEAKS ISLAND	554 SEASHORE AVENUE	RICHARD SHAW
TOWN	LOCATION	APPLICANT'S NAME

6) The septic tank should be pumped within two years of installation and subsequently as recommended by the pump service, but in no event should the septic tank be pumped less often than every three years.

7) The actual water flow or number of bedrooms shall not exceed the design criteria indicated on this application without a re-evaluation of the system as proposed. If the system is supplied by public water or a private service with a water meter, the water consumption per period should be divided by the number of days to calculate the average daily water consumption (water usage (cu. ft.) x 7.48 cu. ft. (gallons per cu. ft.) divided by the # of days in period).

8) The general minimum setbacks between a well and septic system serving a single family residence is 100-300 feet, unless the local municipality has a more stringent requirement. A well installed by an abutter within the minimum setback distances prior to the issuance of a permit for the proposed disposal system may void this design.

9) When a gravity system is proposed: BEFORE CONSTRUCTION/INSTALLATION BEGINS, the system installer or building contractor shall review the elevations of all points given in this application and the elevation of the existing and/or proposed building drain and septic tank inverts for compatibility to minimum slope requirement. In gravity systems, the invert of the septic tank(s) outlet(s) shall be at least 4 inches above the invert of the distribution box outlet at the disposal area. When an effluent pump is required, provisions shall be made to make certain that surface ground water does not enter the septic tank or pump station. An alarm device warning of a pump failure shall be installed. Also, when pumping is required of a chamber system, install a "T" connection in the distribution box and place 3 inches of stone or a splash plate in the first chamber. Insulate gravity pipes, pump lines and the distribution box as necessary to prevent freezing.

10) On all systems, remove the vegetation, organic duff and old fill material from under the disposal area and any fill extension. On sites where the proposed system is to be installed in natural soil, scarify the bottom and sides of the excavated disposal area with a rake. Do not use wheeled equipment on the scarified soil surface. For systems installed in fill, scarify the native soil by roto-tilling to a depth of at least 8 inches over the entire disposal and fill extension area to prevent glazing and to promote fill bonding. Place fill in loose layers no deeper than 8 inches and compact thoroughly before placing more fill (this ensures that voids and loose pockets are eliminated to minimize the chance of leakage). Do not use wheeled equipment on the scarified soil area until after 12 inches of fill is in place. Keep equipment off the chambers. Divert the surface water away from the disposal area by ditching or shallow swales.

11) Unless noted otherwise, fill shall be gravelly coarse sand which contains no more than 5% fines (silt and clay).

12) Do not install systems on loamy, silty, or clayey soils during wet periods since soil smearing/glazing may seal off the soil interface.

13) Seed all filled and disturbed surfaces with perennial grass seed, then mulch with hay or equivalent



Albert Frick Associates, Inc.
Soil Scientists & Site Evaluators

95A County Road Gorham, Maine 04038
(207) 839-5563

Fill Estimation Worksheet

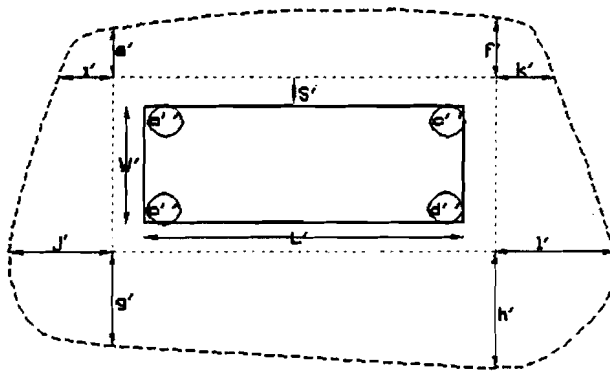
Albert Frick Associates Inc.
95A County Road
Gorham, Me 04038

839-5563 FAX - 839-5564

E-Mail - Albertfrick@worldnet.att.net

Town: Portland, Peaks Is.
Project owner/applicant: Richard Shaw
Address: 554 Seashore Ave.
Peaks Island, ME

This worksheet is being provided as a complimentary tool to assist in estimating the approximate amount of fill required to construct the proposed system. This worksheet does not substitute for a personal visit to the site for your own estimate. These calculations are intended to serve as a check to your work. Site features beyond the model (terrain) can vary to effect model projections.



Length (L)	36 feet
Width (W)	11 feet
Shoulder (S)	5 feet
<u>Depth of fill:</u>	
upper left (a)	16 inches
upper right (c)	18 inches
lower left (b)	16 inches
lower right (d)	18 inches
<u>Fill Extension:</u>	
left up (e)	6 feet
right up (f)	6 feet
left down (g)	6 feet
right down (h)	6 feet
upper left (i)	6 feet
lower left (j)	6 feet
upper right (k)	6 feet
lower right (l)	6 feet
Cost of fill per yard= \$ 0.00	

Body	51 cubic yards
Fill Down	8 cubic yards
Fill Up	8 cubic yards
Fill left	4 cubic yards
Fill right	4 cubic yards
Fill upleft	1 cubic yards
Fill upright	1 cubic yards
Fill downleft	1 cubic yards
Fill downright	1 cubic yards

SubTotal= 79 cubic yards

Shrinkage %= 15 %

Total Backfill 91 cubic yards

Adjusted cost of Total Backfill= \$ -

BUILDING PERMIT INSPECTION PROCEDURES

**Please call 874-8703 or 874-8693 (ONLY)
or email: buildinginspections@portlandmaine.gov**

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the City of Portland Inspection Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months, if the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue with construction.**

 X **Backfill inspection of septic field for approved materials, stabilization, slopes and extensions**

 X **Septic field and extension inspection for bottom preparation/scarification to verify removal of vegetation, established transitional horizon and erosion and sedimentation control measures.**

 X **Exposed septic field installation and tank location inspection to check elevations, dimensions, piping, pumping station and system design prior to covering.**

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.

EXPIRED

Stockwell Environmental Consulting
58 Hendricks Hill Road
Southport, Maine 04576
(Phone) 207-633-4417 (cell) 207-542-2421
E-mail: stockenv@roadrunner.com
www.stockenv.com

November 27, 2006

Al Frick
ALBERT FRICK ASSOCIATES, INC.
Soil Scientists & Site Evaluators
95A County road
Gorham, Maine 04038

RE: Blue Ribbon Development on Rockledge Avenue on Little Diamond Island, Maine

Dear Albert,

I visited the Blue Ribbon Development site on Rockledge Avenue on Little Diamond Island, Maine with you on November 15, 2006. The purpose of this site visit was to delineate the wetlands. Wetlands are delineated according to the 1987 Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1) as clarified in Performance Standards and Supplemental Definitions for use with the 1987 Corps Manual (August 1, 1995). This multi-parameter approach uses the characteristics of vegetation, soils and hydrology in determining wetland boundaries: all three criteria must be met for an area to be regulated as a wetland. Sequentially labeled blue flagging was hung at the upland wetland boundary and was located by GPS. Streams were identified according to the Maine Department of Environmental Protection (DEP) definition.

Three freshwater wetlands, one of which contains a short stretch of stream, were delineated. One wetland was labeled FW 1 though 8 and is located in the northeastern corner of the property near the sandbar and Rockledge Avenue. This wetland occurs in a small depression. It had shallow standing water near the center on the date of the site visit. The wetland is forested on the edges, with red maple (*Acer rubrum*) the dominant species in the tree and sapling layers. Meadowsweet (*Spiraea alba* var. *latifolia*) is the dominant species in the shrub layer and wool grass (*Scirpus cyperinus*) the dominant herbaceous species. Other species observed in the wetland include speckled alder (*Alnus incana* ssp. *rugosa*), winterberry (*Ilex verticillata*), elderberry (*Sambucus canadensis*), poison ivy (*Toxicodendron radicans*), sensitive fern (*Onoclea sensibilis*) and cattails (*Typha angustifolia*). All of these species are hydrophytic, rated either Facultative (FAC), Facultative wetland (FACW) or Obligate (OBL). Cattails are OBL, red maple, meadowsweet, poison ivy are rated FAC and the remainder FACW.

The largest wetland is labeled FW-A and is irregularly shaped. It spreads from the southern section of the property north, crossing McAuley Road near Rockledge Road via culvert. Near the center of the parcel, the wetland splits and drains in two directions. One branch drains to the north, emptying into Casco Bay in approximately the middle of the lot's northwestern shoreline. The other branch drains back across McAuley Road to the west and also eventually drains into Casco Bay. A stream is found in this wetland

PIRED

near Rockledge Avenue, south of McAuley Road. It is shown on the progress print dated 11 17 06 by a line with arrows. This wetland is forested with red maple dominant in the tree layer. Speckled alder, winterberry, sensitive fern, cinnamon fern (*Osmunda cinnamomea*), poison ivy, willowherb (*Epilobium* sp.), calico aster (*Symphotrichum lateriflorum*), soft rush (*Juncus effusus*), jewelweed (*Impatiens capensis*) and sphagnum moss (*Sphagnum* spp.) are other common species found in this wetland and all are hydrophytic. The soil is hydric and was saturated to or near the surface.

The third wetland is found in a small depression in the southern portion of the property. It had 6 inches or more of standing water at the time of the site visit. Hydrophytic vegetation includes red maple and winterberry, which is mostly restricted to the edges of the wetland.

The upland on the site is forested by very large red oak (*Quercus rubra*), some several feet in diameter. Other species in the upland forest include American beech (*Fagus grandifolia*), white birch (*Betula papyrifera*), white pine (*Pinus strobus*), eastern hophornbeam (*Ostrya virginiana*), witch hazel (*Hamamelis virginiana*), bayberry (*Myrica pensylvanica*), beaked hazelnut (*Corylus cornuta*), bramble (*Rubus* spp.), lowbush blueberry (*Vaccinium angustifolium*), poison ivy, hayscented fern (*Dennstaedtia punctilobula*) and beech drops (*Epitagus virginiana*).

Coastal wetland is located along the shoreline and was also flagged and located by GPS

Wetlands are regulated at the federal, state and local level. At the federal level, wetlands are regulated by the Army Corps of Engineers (ACE) under the Clean Waters Act. The New England District of ACE issued a Programmatic General Permit (PGP) (Permit No: GP-39) to the State of Maine, which expedites review of minimal impact work in Maine's wetlands by allowing the state to review and permit small wetland impacts.

Wetlands and streams are regulated at the state level under the Natural Resources Protection Act (NRPA) (38 M.R.S.A. §§ 480-A to 480-Z) by DEP. This statute is further explained in Wetland and Waterbody Protection Rules (Chapter 310), Significant Wildlife Habitat (Chapter 335) and Permit-By-Rule Standards (Chapter 305). The permitting requirements for a wetland impact depend on whether the wetland meets the definition of wetland of special significance (WOSS). This includes:

- Critically imperiled or imperiled community. The freshwater wetland contains a natural community that is critically imperiled (S1) or imperiled (S2) as defined by the Natural Areas Program
- Significant wildlife habitat. The freshwater wetland contains significant wildlife habitat as defined by 38 M.R.S.A. § 480-B(10).
- Location near coastal wetland. The freshwater wetland area is located within 250 feet of a coastal wetland.
- Location near GPA great pond. The freshwater wetland area is located within 250 feet of the normal high water line, and within the same watershed, of any lake or pond classified as GPA under 38 M.R.S.A. § 465-A.
- Aquatic vegetation, emergent marsh vegetation or open water. The freshwater wetland contains under normal circumstances at least 20,000 square feet of aquatic vegetation, emergent marsh vegetation or open water, unless the 20,000 or more square feet area is the result of an artificial ponds or impoundment.

EXPIRED

- Wetlands subject to flooding. The freshwater wetland area is inundated with floodwater during a 100-year flood event based on flood insurance maps produced by the Federal Emergency Management Agency or other site-specific information.
- Peatlands. The freshwater wetland is or contains peatlands, except that the department may determine that a previously mined peatland or portion thereof, is not a wetland of special significance.
- River, stream or brook. The freshwater wetland area is located within 25 feet of a river, stream or brook.

I looked at the significant wildlife habitat – shorebird, tidal and waterfowl habitat map (<http://www9.inform.org/dep/blwq/docstand/nrpa/birdhabitat/maps>), which shows wildlife habitats regulated by DEP. This map shows no significant wildlife habitats on the upland portion of the property. The entire shoreline of Little Diamond Island is mapped as Tidal Waterfowl habitat. This habitat includes the wetland and a 75 foot buffer.

The wetland in the depression at the southern end of the parcel did have standing water 6 inches to a foot in depth. Recently approved changes to Chapter 335: Significant Wildlife Habitat concerning significant vernal pools go into effect on September 1 of 2007. The criteria for significant vernal pools are based on the number of egg masses of obligate vernal pool species or the presence of fairy shrimp. The number of egg masses needs to be determined in early spring. The fall has been very wet and I suspect that this water does not persist long enough in this wetland to provide habitat for vernal pool species. The other wetlands did not have deep enough standing water for this habitat.

The coastal wetland below maximum spring high tide line is WOSS as is freshwater wetland located within 250 feet of a coastal wetland. This includes the freshwater wetland located in the northeastern corner of the parcel and a portion of the large wetland labeled FW-A.

No wetlands over 20,000 sq. ft. of peatland, aquatic vegetation, emergent marsh vegetation or open water are found on the property. To determine if contiguous wetland off the property contains over 20,000 sq. ft. of these habitats, I checked the National Wetland Inventory maps. This map shows no wetlands in the project vicinity except coastal wetland. The FEMA flood map for the vicinity was reviewed. It shows flood prone areas only along the shore. On this site, freshwater wetland with 25 feet of the stream does meet the WOSS criteria.

Portland Zoning Ordinances would also apply to this property.

Please feel free to contact me if you have any questions or I can be of further assistance.
Sincerely,

Stockwell Environmental Consulting

Lauren I. Stockwell
Wetland Scientist/Botanist

38 §480-Q. ACTIVITIES FOR WHICH A PERMIT IS NOT REQUIRED

38 §480-Q. ACTIVITIES FOR WHICH A PERMIT IS NOT REQUIRED

A permit is not required for the following activities if the activity takes place solely in the area specified below: [1987, c. 809, §2 (NEW).]

1. Water lines and utility cables. In an area which affects a great pond, the placement of water lines to serve a single-family house or the installation of cables for utilities, such as telephone and power cables, provided that the:

A. Excavated trench for access to the water is backfilled and riprapped to prevent erosion; [1987, c. 809, §2 (NEW).]

B. Excavated trench on the landward side of the riprapped area is seeded and mulched to prevent erosion; and [1987, c. 809, §2 (NEW).]

C. Bureau of Parks and Lands has approved the placement of the cable across the bottom of the great pond to the extent that it has jurisdiction; [1989, c. 878, Pt. A, §110 (AMD); 1995, c. 502, Pt. E, §30 (AMD).]

[1989, c. 878, Pt. A, §110 (AMD); 1995, c. 502, Pt. E, §30 (AMD) .]

2. Maintenance and repair. Maintenance and repair of a structure in, on, over or adjacent to a protected natural resource and maintenance and repair of a private crossing of a river, stream or brook if:

A. Erosion control measures are taken to prevent sedimentation of the water; [1995, c. 27, §1 (RPR) .]

B. Crossings do not block passage for fish or other aquatic organisms in water courses. Culverts and installation techniques utilized must achieve natural stream flow. This paragraph applies only to water courses containing fish; [2009, c. 460, §1 (AMD) .]

C. There is no additional intrusion into the protected natural resource; and [1995, c. 27, §1 (RPR) .]

D. The dimensions of the repaired structure do not exceed the dimensions of the structure as it existed 24 months prior to the repair, or if the structure has been officially included in or is considered by the Maine Historical Preservation Commission eligible for listing in the National Register of Historic Places, the dimensions of the repaired structure do not exceed the dimensions of the historic structure. [1995, c. 27, §1 (RPR) .]

This subsection does not apply to: the repair of more than 50% of a structure located in a coastal sand dune system; the repair of more than 50% of a dam, unless that repair has been approved by a representative of the United States Natural Resources Conservation Service; or the repair of more than 50% of any other structure, unless the municipality in which the proposed activity is located requires a permit for the activity through an ordinance adopted pursuant to the mandatory shoreland zoning laws and the application for a permit is approved by the municipality;

[2009, c. 460, §1 (AMD) .]

2-A. Existing road culverts. In any protected natural resource area, a permit is not required for the repair and maintenance of an existing road culvert or for the replacement of an existing culvert, as long as the replacement culvert is:

A. [1993, c. 315, §2 (RP) .]

B. Not more than 25% longer than the culvert being replaced; and [1991, c. 46, §3 (NEW) .]

C. Not longer than 75 feet. [1991, c. 46, §3 (NEW) .]

Ancillary culverting activities, including excavation and filling, are included in this exemption. A person repairing, replacing or maintaining an existing culvert under this subsection shall ensure that erosion control measures are taken to prevent sedimentation of the water and that the crossing does not block passage for fish in the water course or passage for other aquatic organisms in the water course if passage for fish is required under this subsection. Replacement culverts and techniques used in installing the culverts must achieve natural stream flow. This subsection applies only to water courses containing fish.

[2009, c. 460, §2 (AMD) .]

2-B. Floating docks. Replacement of a floating dock with another floating dock if the dimensions of the replacement dock do not exceed those of the dock being replaced and the configuration of the replacement dock is the same as the dock being replaced. In any action brought by the department against a person claiming an exemption under this subsection, the burden is on that person to demonstrate that the replacement dock satisfies the requirements of this subsection;

[1993, c. 617, §2 (NEW) .]

2-C. Transportation reconstruction or replacement project within a community public water system primary protection area. A transportation reconstruction or replacement project located within a community public water system primary protection area as long as a permit is not required due to the presence of any other type of protected natural resource;

[2007, c. 353, §12 (NEW) .]

3. Peat mining.

[1995, c. 700, §1 (RP) .]

4. Interstate pipelines. Alteration of freshwater wetlands associated with the construction, operation, maintenance or repair of an interstate pipeline, subject to article 6, where applicable;

[1987, c. 809, §2 (NEW) .]

5. Gold panning. Notwithstanding section 480-C, a permit shall not be required for panning gold, provided that stream banks are not disturbed and no unlicensed discharge is created;

[1987, c. 809, §2 (NEW) .]

6. Agricultural activities. Subject to other provisions of this article that govern other protected natural resources, altering a freshwater wetland for the purpose of normal farming activities such as clearing of vegetation for agricultural purposes if the land topography is not altered, plowing, seeding, cultivating, minor drainage and harvesting, construction or maintenance of farm or livestock ponds or irrigation ditches, maintenance of drainage ditches and construction or maintenance of farm roads;

[1995, c. 460, §5 (AMD) .]

7. Forestry.

[1989, c. 838, §5 (RP) .]

7-A. Forestry. Forest management activities, including associated road construction or maintenance, in or adjacent to an existing forested wetland or a harvested forested wetland or adjacent to a protected natural resource pursuant to section 480-C, subsection 1, paragraphs A and B, as long as:

A. [2009, c. 537, §3 (RP) .]

B. The activity meets permit-by-rule standards in rules adopted pursuant to this article for any road crossing of a river, stream or brook or for any soil disturbance adjacent to a protected natural resource pursuant to section 480-C, subsection 1, paragraphs A and B and the commissioner is notified before the forest management activity commences; [2001, c. 618, §4 (AMD) .]

C. The protected natural resource is not mapped as a significant wildlife habitat under section 480-I; and [2001, c. 618, §4 (AMD) .]

D. Any road construction is used primarily for forest management activities that do not constitute a change in land use under rules adopted by the Department of Conservation, Bureau of Forestry concerning forest regeneration and clear-cutting and is not used primarily to access development , unless the road is removed and the site restored to its prior natural condition. Roads must be the minimum feasible width and total length consistent with forest management activities. This exemption does not apply to roads within a subdivision as defined in Title 30#A, section 4401, subsection 4, for the organized portions of the State, or Title 12, section 682, subsection 2#A, including divisions of land exempted by Title 12, section 682#B, for portions of the State under the jurisdiction of the Maine Land Use Regulation Commission; [2009, c. 537, §4 (AMD) .]

[2009, c. 537, §§3, 4 (AMD) .]

8. Hydropower projects. Hydropower projects are exempt from the provisions of this article to the extent provided in section 634. Alteration of a freshwater wetland associated with the operation of a hydropower project, as defined in section 632, is exempt from the provisions of this article, but is subject to chapter 5, subchapter I, article 1, subarticle 1-B, where applicable;

[1989, c. 306, §1 (AMD); 1989, c. 430, §7 (AMD) .]

9. Public works. A permit is not required for emergency repair or normal maintenance and repair of existing public works which affect any protected natural resource. An activity which is exempt under this subsection shall employ erosion control measures to prevent sedimentation of any surface water, shall not block fish passage in any water course and shall not result in any additional intrusion of the public works into the protected natural resource. This exemption does not apply to any activity on an outstanding river segment as listed in section 480-P;

[1989, c. 306, §2 (AMD); 1989, c. 430, §8 (AMD); 1989, c. 878, Pt. A, §111 (AMD) .]

9-A. Community public water systems. Community public water systems are exempt from the provisions of this article for activities within their community public water system primary protection areas as long as the activities are conducted in a manner that protects the quality and quantity of water available for the system;

[2007, c. 353, §13 (NEW) .]

10. Aquaculture. Aquaculture activities regulated by the Department of Marine Resources under Title 12, section 6072, 6072-A, 6072-B or 6072-C. Ancillary activities, including, but not limited to, building or altering docks or filling of wetlands, are not exempt from the provisions of this article;

[2007, c. 292, §26 (AMD) .]

11. Soil evaluation. Borings taken to evaluate soil conditions in or adjacent to a great pond, river, stream or brook, coastal wetland, freshwater wetland or sand dune are exempt from the provisions of this article provided that no area of wetland vegetation is destroyed or permanently removed;

[1993, c. 187, §2 (AMD); 1993, c. 215, §1 (AMD); 1993, c. 296, §4 (AMD) .]

12. Existing access ways. Normal maintenance and repair or reconstruction of existing access ways in freshwater or coastal wetlands to residential dwellings as long as:

- A. The applicant shows evidence that the access way in disrepair is the existing route of access to the residential dwelling; [1991, c. 240, §3 (NEW) .]
- B. Erosion control measures are used; [1991, c. 240, §3 (NEW) .]
- C. Intrusion of the access way into the freshwater or coastal wetland is minimized and allows for proper drainage where necessary; [1991, c. 240, §3 (NEW) .]
- D. The access way, if in a coastal wetland, is traditionally dry at mean high tide; and [1991, c. 240, §3 (NEW) .]
- E. A notice of intent to maintain, repair or reconstruct the access way and the description of the work to be completed are submitted to the commissioner and to the municipal reviewing authority at least 20 days before the work is performed; and [1993, c. 187, §3 (AMD); 1993, c. 215, §2 (AMD); 1993, c. 296, §5 (AMD) .]

[1993, c. 187, §3 (AMD); 1993, c. 215, §2 (AMD); 1993, c. 296, §5 (AMD) .]

13. Moorings. The placement of a mooring in any area regulated by this article.

[1993, c. 187, §4 (NEW) .]

14. Lawful harvesting of marine organisms or vegetation in coastal wetlands. A person lawfully engaged in the harvesting of marine organisms or vegetation under the provisions of Title 12, chapter 605 is not required to obtain a permit to engage in those activities in a coastal wetland or a coastal wetland containing a high or moderate value waterfowl or wading bird habitat or shorebird feeding or staging area. Within a coastal wetland or a coastal wetland containing a high or moderate value waterfowl or wading bird habitat or shorebird feeding or staging area, the removal of vegetation or displacement of soil associated with or authorized by those lawful activities is not a violation of this article; and

[2007, c. 290, §5 (AMD) .]

15. Subsurface wastewater disposal systems.

[1993, c. 721, Pt. F, §2 (RP); 1993, c. 721, Pt. H, §1 (AFF) .]

15-A. Subsurface wastewater disposal systems. Installation, removal or repair of a subsurface wastewater disposal system, as long as the system complies with all requirements of the subsurface wastewater disposal rules adopted by the Department of Health and Human Services under Title 22, section 42, subsection 3. This subsection takes effect on March 1, 1995.

[1993, c. 721, Pt. F, §3 (NEW); 1993, c. 721, Pt. H, §1 (AFF); 2003, c. 689, Pt. B, §6 (REV) .]

16. Alterations in back dunes of coastal sand dune systems.

[1993, c. 521, §1 (AMD); T. 38, §480-Q, sub-§16 (RP) .]

17. Minor alterations in freshwater wetlands. Activities that alter less than 4,300 square feet of freshwater wetlands, as long as:

- A. The activity does not occur in, on or over another protected natural resource; [1995, c. 575, §1 (NEW) .]

B. A 25-foot setback from other protected natural resources is maintained and erosion control measures are used; [1995, c. 575, §1 (NEW).]

C. The activity is not located in a shoreland zone regulated by a municipality pursuant to chapter 3, subchapter I, article 2-B or in the wetland or water body protected by the shoreland zone; [1995, c. 575, §1 (NEW).]

D. The activity does not occur in a wetland normally consisting of or containing at least 20,000 square feet of open water, aquatic vegetation or emergent marsh vegetation, except for artificial ponds or impoundments; [1995, c. 575, §1 (NEW).]

E. The activity does not take place in a wetland containing or consisting of peat land dominated by shrubs, sedges and sphagnum moss; [2005, c. 116, §3 (AMD).]

F. The entire activity constitutes a single, complete project; and [2005, c. 116, §3 (AMD).]

G. The activity does not occur in a significant wildlife habitat. [2005, c. 116, §4 (NEW).]

An activity does not qualify for exemption under this subsection if that activity is part of a larger project, including a multiphase development, that does not qualify as a whole project. Activities authorized or legally conducted prior to September 29, 1995 may not be considered in calculating the size of the alteration.

[2005, c. 116, §§3, 4 (AMD) .]

18. Service drops for telephone or electrical service. Vegetative clearing of a freshwater wetland for the installation of telephone or electrical service, if:

A. The line extension does not cross or run beneath a coastal wetland, river, stream or brook; [1995, c. 460, §12 (AFF); 1995, c. 460, §6 (NEW).]

B. The placement of wires or installation of utility poles is located entirely upon the premises of the customer requesting service, upon a roadway right-of-way or, in the case of telephone service, on existing utility poles; and [1995, c. 460, §12 (AFF); 1995, c. 460, §6 (NEW).]

C. The total length of the extension is less than 1,000 feet. [1995, c. 460, §12 (AFF); 1995, c. 460, §6 (NEW).]

[1995, c. 460, §12 (AFF); 1995, c. 460, §6 (NEW) .]

19. Displacement or bulldozing of sediment within a lobster pound. Displacement or bulldozing of sediment within a lobster pound, provided the sediment is not removed from the area inundated as a result of the impoundment.

[1995, c. 1, §31 (RNU) .]

20. Constructed ponds. Alteration of legally created constructed ponds that are not considered part of a great pond, coastal wetland, river, stream or brook, as long as the constructed pond is not expanded beyond its original size.

[1995, c. 575, §2 (NEW) .]

21. Removal of beaver dams. Removal of a beaver dam as authorized by a game warden, as long as:

A. Efforts are made to minimize erosion of soil and fill material from disturbed areas into a protected natural resource; [1999, c. 148, §1 (NEW).]

B. Efforts are made to minimize alteration of undisturbed portions of a wetland or water body; and [1999, c. 148, §1 (NEW).]

C. Wheeled or tracked equipment is operated in the water only for the purpose of crossing a water body to facilitate removal of the beaver dam. Where practicable, wheeled or tracked equipment may cross a water body only on a rock, gravel or ledge bottom. [1999, c. 148, §1 (NEW) .]

This exemption includes the draining of a freshwater wetland resulting from removal of a beaver dam. It does not include removal of a beaver house.

[1999, c. 148, §1 (NEW) .]

22. Archaeological excavation. Archaeological excavation adjacent to a great pond, freshwater wetland, coastal wetland, sand dune system, river, stream or brook as long as the excavation is conducted by an archaeologist listed on the Maine Historic Preservation Commission level 1 or level 2 approved list and unreasonable erosion and sedimentation is prevented by means of adequate and timely temporary and permanent stabilization measures.

[2001, c. 207, §2 (NEW) .]

23. Cutting or clearing subject to mandatory shoreland zoning laws. Cutting or clearing of upland vegetation adjacent to those protected natural resources listed in section 480-C, subsection 1, paragraph A or B for a purpose other than forest management as long as:

A. The cutting or clearing is subject to the jurisdiction of a municipality pursuant to chapter 3, subchapter 1, article 2-B; or [2003, c. 637, §1 (AMD) .]

B. If the cutting or clearing is not subject to the jurisdiction of a municipality pursuant to chapter 3, subchapter 1, article 2-B, vegetation within the adjacent area is maintained as follows:

(1) There is no cleared opening greater than 250 square feet in the forest canopy as measured from the outer limits of the tree crown, except that a footpath may be established for the purpose of access to water if it does not exceed 6 feet in width as measured between tree trunks and has at least one bend in its path to divert channelized runoff;

(2) Any selective cutting of trees within the buffer strip leaves a well-distributed stand of trees and other natural vegetation.

(a) For the purposes of this subparagraph, a "well-distributed stand of trees" is defined as maintaining a rating score of 16 or more points in a 25-foot by 50-foot rectangular area as determined by the following rating system.

(i) A tree with a diameter at 4 1/2 feet above ground level of 2.0 to less than 4.0 inches has a point value of one.

(ii) A tree with a diameter at 4 1/2 feet above ground level of 4.0 inches to less than 8.0 inches has a point value of 2.

(iii) A tree with a diameter at 4 1/2 feet above ground level of 8.0 inches to less than 12.0 inches has a point value of 4.

(iv) A tree with a diameter at 4 1/2 feet above ground level of 12.0 or more inches has a point value of 8.

(b) In applying this point system:

(i) The 25-foot by 50-foot rectangular plots must be established where the landowner or lessee proposes clearing within the required buffer;

(ii) Each successive plot must be adjacent to, but may not overlap, a previous plot;

(iii) Any plot not containing the required points may have no vegetation removed except as otherwise allowed by this subsection;

(iv) Any plot containing the required points may have vegetation removed down to the minimum points required or as otherwise allowed by this subsection; and

(v) Where conditions permit, no more than 50% of the points on any 25-foot by 50-foot rectangular area may consist of trees greater than 12 inches in diameter.

(c) For the purposes of this subparagraph, "other natural vegetation" is defined as retaining existing vegetation under 3 feet in height and other ground cover and retaining at least 5 saplings less than 2 inches in diameter at 4 1/2 feet above ground level for each 25-foot by 50-foot rectangular area. If 5 saplings do not exist, the landowner or lessee may not remove any woody stems less than 2 inches in diameter until 5 saplings have been recruited into the plot;

(3) In addition to the requirements of subparagraph (2), no more than 40% of the total volume of trees 4.5 inches or more in diameter, measured 4 1/2 feet above ground level, is selectively cut in any 10-year period;

(5) Tree branches are not pruned except on the bottom 1/3 of the tree as long as tree vitality will not be adversely affected; and

(6) In order to maintain a buffer strip of vegetation, when the removal of storm-damaged, diseased, unsafe or dead trees results in the creation of cleared openings in excess of 250 square feet, these openings are replanted with native tree species unless there is existing new tree growth. [2007, c. 292, §27 (AMD) .]

Cleared openings legally in existence on September 1, 2002 may be maintained but may not be enlarged.

This subsection applies to an area with vegetation composed primarily of shrubs, trees or other woody vegetation without regard to whether the area was previously cut or cleared;

[2007, c. 292, §7 (AMD) .]

24. Existing lawns and gardens. Maintenance, but not enlargement, of lawns and gardens in existence on September 1, 2002 that are adjacent to a river, stream or brook not regulated by a municipality under chapter 3, subchapter 1, article 2-B;

[2005, c. 330, §15 (AMD) .]

25. Existing agricultural fields and pastures. Maintenance, but not enlargement, of agricultural fields and pastures in existence on September 1, 2002 that are adjacent to a river, stream or brook not regulated by a municipality under chapter 3, subchapter 1, article 2-B;

[2009, c. 75, §1 (AMD) .]

26. Overboard wastewater system. Installation, maintenance or removal of a licensed overboard discharge treatment system, including the outfall pipe, if:

A. Erosion control measures are taken to prevent sedimentation of the water; [2005, c. 330, §16 (NEW) .]

B. Effects of construction activity on the protected natural resource are minimized; and [2005, c. 330, §16 (NEW) .]

C. The activity is approved by the department as provided in the department's rules concerning overboard discharges adopted pursuant to section 414-A; [2009, c. 75, §2 (AMD) .]

[2009, c. 75, §2 (AMD) .]

27. Fishways. Erection, maintenance, repair or alteration of a fishway in a dam or other artificial obstruction when required by the Commissioner of Inland Fisheries and Wildlife pursuant to Title 12, section 12760 or by the Commissioner of Marine Resources pursuant to Title 12, section 6121;

[2009, c. 75, §3 (NEW) .]

28. Release of water from dam after petition by owner for release from dam ownership or water level maintenance. Activity associated with the release of water from a dam pursuant to an order issued by the department pursuant to section 905; and

[2009, c. 75, §4 (NEW) .]

29. Dam safety order. Activity associated with the breach or removal of a dam pursuant to an order issued by the Commissioner of Defense, Veterans and Emergency Management under Title 37-B, chapter 24.

[2009, c. 75, §5 (NEW) .]

SECTION HISTORY

1987, c. 809, §2 (NEW). 1987, c. 890, §§1,2 (AMD). 1989, c. 306, §§1-3 (AMD). 1989, c. 430, §§6-9 (AMD). 1989, c. 838, §§5,6 (AMD). 1989, c. 878, §§A110-113 (AMD). 1991, c. 46, §3 (AMD). 1991, c. 240, §§1-3 (AMD). 1991, c. 622, §§H1-3 (AMD). 1991, c. 624, §§1,3 (AFF). RR 1993, c. 1, §§117,119 (COR). 1993, c. 187, §§2-4 (AMD). 1993, c. 215, §§1-3 (AMD). 1993, c. 296, §§4-6 (AMD). 1993, c. 296, §7 (AFF). 1993, c. 315, §2 (AMD). 1993, c. 410, §G7 (AMD). 1993, c. 521, §1 (AMD). 1993, c. 617, §§1,2 (AMD). 1993, c. 721, §§F2,3 (AMD). 1993, c. 721, §H1 (AFF). RR 1995, c. 1, §31 (COR). 1995, c. 27, §1 (AMD). 1995, c. 460, §§5,6 (AMD). 1995, c. 460, §12 (AFF). 1995, c. 493, §4 (AMD). 1995, c. 502, §E30 (AMD). 1995, c. 575, §§1,2 (AMD). 1995, c. 700, §1 (AMD). 1999, c. 148, §1 (AMD). 2001, c. 207, §2 (AMD). 2001, c. 431, §6 (AMD). 2001, c. 618, §§4,5 (AMD). 2003, c. 637, §1 (AMD). 2003, c. 689, §B6 (REV). 2005, c. 116, §§3,4 (AMD). 2005, c. 330, §§15,16 (AMD). 2007, c. 290, §5 (AMD). 2007, c. 292, §§26, 27 (AMD). 2007, c. 353, §§12, 13 (AMD). 2009, c. 75, §§1-5 (AMD). 2009, c. 460, §§1, 2 (AMD). 2009, c. 537, §§3, 4 (AMD). MRSA T. 38, §480Q/16 (AMD).

The State of Maine claims a copyright in its codified statutes. If you intend to republish this material, we require that you include the following disclaimer in your publication:

All copyrights and other rights to statutory text are reserved by the State of Maine. The text included in this publication reflects changes made through the Second Regular Session of the 124th Legislature, is current through April 12, 2010, and is subject to change without notice. It is a version that has not been officially certified by the Secretary of State. Refer to the Maine Revised Statutes Annotated and supplements for certified text.

The Office of the Revisor of Statutes also requests that you send us one copy of any statutory publication you may produce. Our goal is not to restrict publishing activity, but to keep track of who is publishing what, to identify any needless duplication and to preserve the State's copyright rights.

PLEASE NOTE: The Revisor's Office cannot perform research for or provide legal advice or interpretation of Maine law to the public. If you need legal assistance, please contact a qualified attorney.



Rachel Conly <santosayogl@gmail.com>

Richard Shaw, 554 Seashore Avenue, Peaks Island, Portland

Hallowell, Dawn <Dawn.Hallowell@maine.gov>
To: Albert Frick <afa@maine.rr.com>
Cc: Rachel Conly <santosayogi@gmail.com>

Thu, Apr 29, 2010 at 4:22 PM

Albert,

EXPIRED

Doug Burdick's in May 2006 is still valid. The Department will not require a permit for the proposed project provided that wetlands are not filled and wetland vegetation remains in tact, during the construction of the house. The septic line is exempt. Any alteration of the wetland (fill or vegetation removal) beyond the construction of the septic line, will require a permit from the DEP.

Feel free to contact me if you have further questions about this project.

Dawn Hallowell

Maine DEP

312 Canco Rd

Portland ME 04103

Phone: 207-822-6324

Fax: 207-822-6303

Email: Dawn.Hallowell@maine.gov

RECEIVED

JUL 20 2010

Dept. of Building Inspections
City of Portland Maine

From: Albert Frick [mailto:afa@maine.rr.com]
Sent: Thursday, April 29, 2010 3:06 PM
To: Hallowell, Dawn
Cc: 'Rachel Conly'
Subject: Richard Shaw, 554 Seashore Avenue, Peaks Island, Portland

[Quoted text hidden]

EXPIRE



Albert Frick Associates, Inc.
Soil Scientists & Site Evaluators

95A County Road Corham, Maine 04038
(207) 839-5563 FAX (207) 839-5564

Albert Frick, SS, SE
James Logan, SS, SE
Matthew Logan, SE
Brady Frick, SE
Bryan Jordan, SE
William O'Connor, SE

April 20, 2006

Harvey Johnson
Thompson Johnson Woodworks
115 Island Avenue
Peaks Island, ME 04108

Re: Richard Shaw, Seashore Avenue (Tax Map 86, Block A, Lot 16), Peaks Island,
Portland

Dear Harvey:

I met with Doug Burdick, Project Analyst for DEP, on April 6, 2006, for a pre-application meeting. Mr. Burdick recommended that the dwelling footprint be slightly adjusted to avoid any wetland impact. We discussed the specific buffering of the wetland body and no wetland buffer setback is required by DEP for this isolated forested wetland area.

The revised attached progress plan developed by you and Rachel Conley, Architectural Designer, does avoid wetland impact for the structure. The necessary wetland impact required to cross the wetland to construct the subsurface wastewater disposal system is exempted, per the State of Maine Subsurface Wastewater Disposal Rules and the DEP NRPA regulations.

I have sent Doug Burdick of DEP and Michael Nugent, Code Enforcement Officer, a copy of both the proposed Site Plan and this correspondence, as a professional courtesy, to keep them informed.

You should contact Michael Nugent at the Portland Code Enforcement Office, to discuss the local building, zoning and permitting requirements.

Please contact me if you have any questions or additional matters for discussion.

Respectfully,

Albert Frick
AF/nd

Enc. Site Plan
HHE -200 form (septic application)
Cc. Richard Shaw
Doug Burdick, DEP
Michael Nugent, CEO

EXPIRED

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10 SHS
 (207) 287-5672 FAX: (207) 287-4172

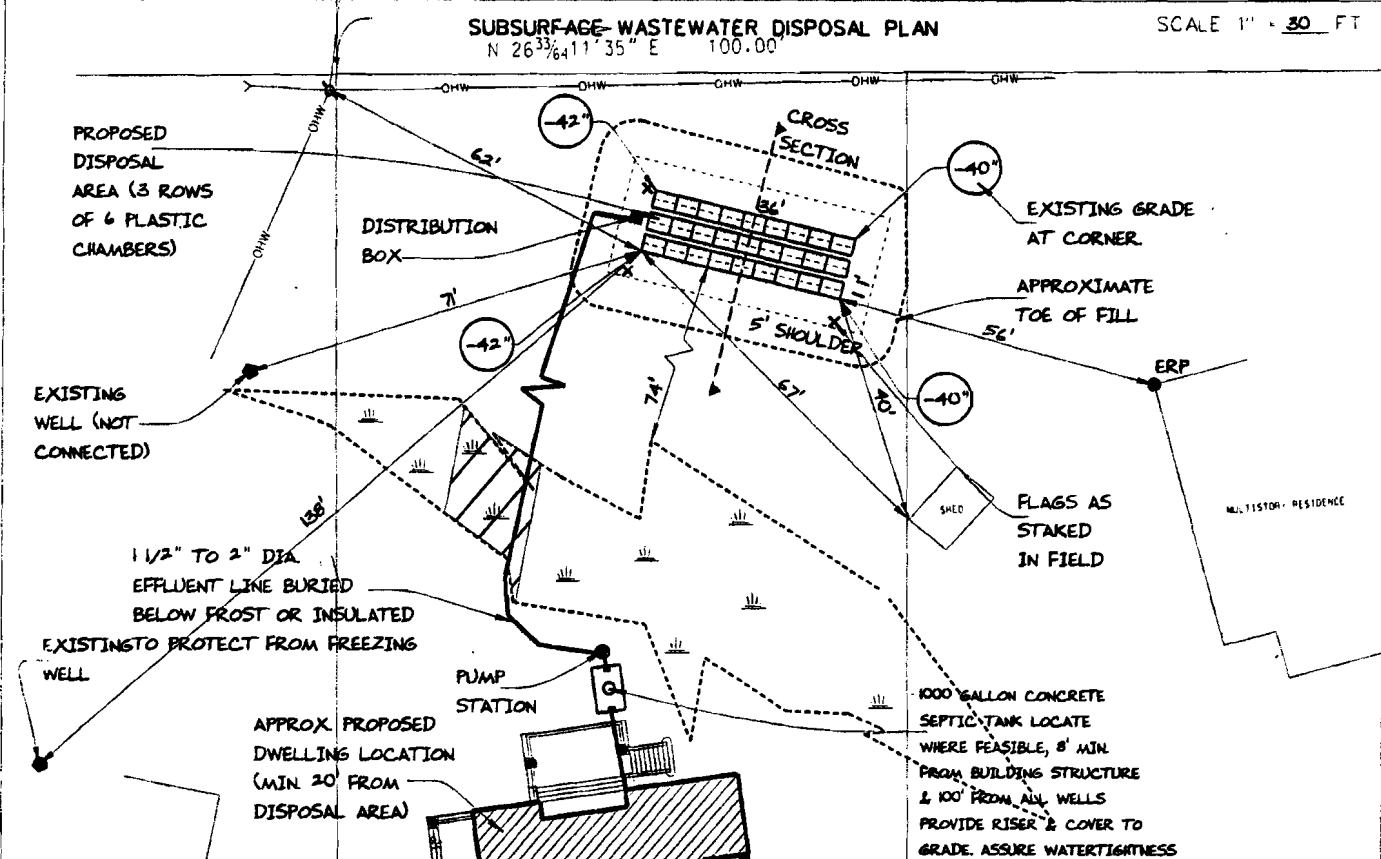
Town, City, Plantation
PORTLAND, PEAKS ISLAND

Street, Road, Subdivision
554 SEASHORE AVENUE

Owner's Name
RICHARD SHAW

SUBSURFACE WASTEWATER DISPOSAL PLAN
 N 26°33'64" 11' 35" E 100.00'

SCALE 1" = 30' FT



FILL REQUIREMENTS

Depth of Fill (Upslope) : 16" - 18"
 Depth of Fill (Downslope) : 16" - 18"
 DEPTHS AT CROSS-SECTION: (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation
 Top of Distribution Pipe or Proprietary Device
 Bottom of Disposal Area

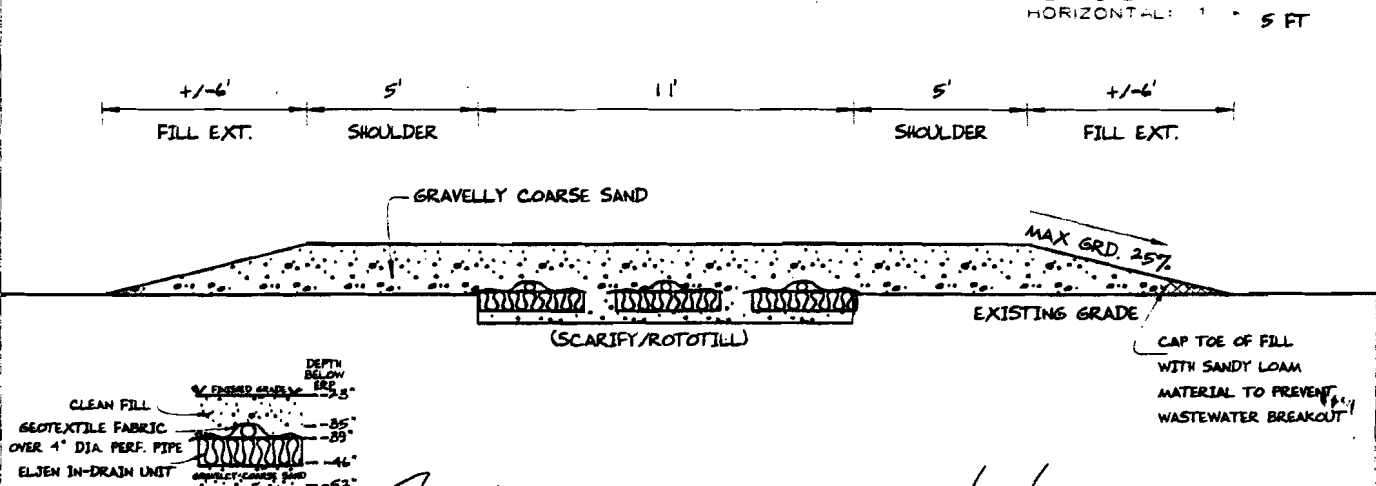
SEE
 DETAIL
 BELOW

ELEVATION REFERENCE POINT

Location & Description TOP OF CONCRETE FOOTING ON NEIGHBOR'S HOUSE
 Reference Elevation is: 0.0" or -----

SCALE:
 VERTICAL: 1" = 5 FT
 HORIZONTAL: 1" = 5 FT

DISPOSAL AREA CROSS SECTION



Albert Erick
 Site Evaluator Signature

163
 SE

4/21/2006
 Date

Page 3 of 3
 HHE-200 Rev. 10/02

EXPIRED



PICTURE 1



PICTURE 2

EXPIRED



NORTH PICTURE 1



NORTH PICTURE 2

EXPIRED

